

In The Claims:

Cancel claim 17 without estoppel or disclaimer of the subject matter thereof.

Please amend claims 1 and 18, and add new claims 19, 20, as follows:

1. (Currently Amended) A clamp accessory for removable positioning therein of an ablation device, the clamp accessory comprising:

a first elongated jaw member having a recess in an inner surface thereof adapted to slidably receive the ablation device therein;

a second elongated jaw member opposed to the inner surface of the first jaw member;

a hinge structure operably attaching the first jaw member to the second jaw member for relative rotation between open and closed configurations along an axis substantially aligned along the elongated direction for selectively effecting closure of the first and second jaw members to operatively engage the ablation device upon a target tissue disposed between the first and second jaw members; and

a transmurality system including at least two electrodes disposed on the inner surface of the first jaw member along near the recess on opposite sides thereof and adapted to selectively transfer electrical signals therebetween through the target tissue ~~to measure at least one of conduction time, conduction distance, conduction velocity, phase angle, and impedance through at least a portion of the targeted biological tissue~~ for monitoring the transmurality of an ablation lesion

formed therein by the ablation device disposed within the recess of the first jaw member.

2.-20. (Cancelled)